The Energy Pro= ductions

The Energy Productions

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Energy

Elevator Company

PHILADELPHIA, PA.

U. S. A.

ESTABLISHED 1887

INCORPORATED 1902

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To Buyers . . .

We present herein a line of Elevators and Dumb-Waiters adapted for different kinds of service and ranging in capacity from 25 lbs. to 10,000 lbs., each a leader in its class, with the best features of latest elevator construction; our aim being to produce the very best goods for the lowest possible price.

We have for many years made a specialty of supplying elevators to the HARDWARE TRADE, MACHINERY DEALERS, SUPPLY HOUSES, ARCHITECTS, CARPENTERS and direct to the RETAIL TRADE; these elevators being erected by local mechanics from plans we supply and we feel that our success in this line has been due to the quality of our products.

In addition to the regular line of elevators as herein illustrated, we make them of special design and we invite correspondence where the conditions are such that the regular elevator is not just what is required.

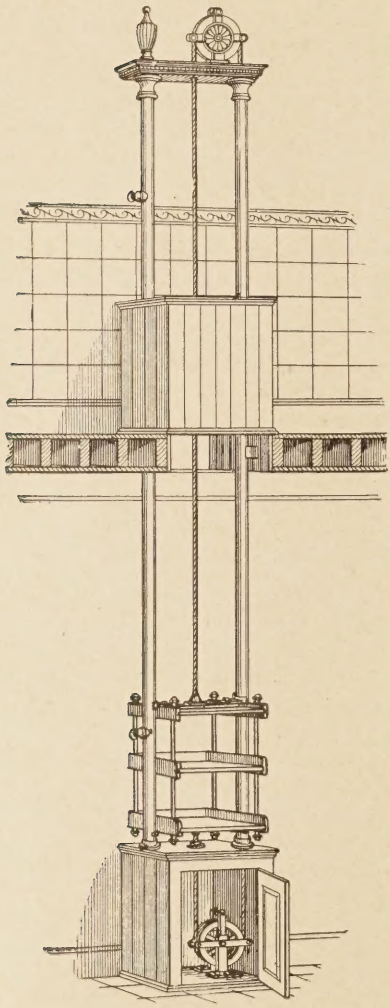
For local work, we have a corps of efficient mechanics skilled in the erection of elevators so that a satisfactory installation is assured, for which proposals are cheerfully submitted.

ENERGY ELEVATOR COMPANY
PHILADELPHIA, PA.
U. S. A.

N. B.--OUR QUOTATIONS ARE F. O. B. PHILADELPHIA. OUR RESPONSIBILITY FOR DELIVERY OF GOODS ENDS WHEN RECEIPTED FOR BY TRANSPORTATION COMPANY.

The Little Beauty Dumb-Waiter

CAPACITY 25 LBS.



This is for quick, light work, especially suitable where ornamental effects are desired, as in restaurants, offices, hotels or cafés, the bright, glistening brass work and artistic design producing striking results.

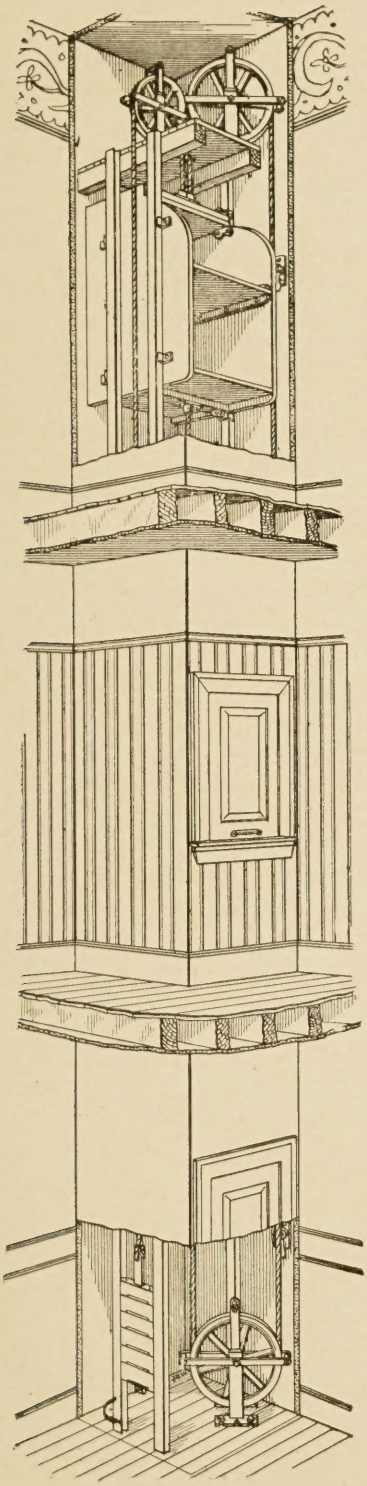
The Car is made of highly finished hard wood trays with polished brass fittings. It is accessible from front only, or from front and back if needed, and any size required. It runs on two polished brass tubes, one of which contains the counterweight, balancing the car, while the other is used as a speaking tube.

The operating gear consists of cotton rope passing over iron wheels, one at top and one at bottom. These wheels are mounted in guarded stands and revolve in Arguto oilless and noiseless bearings. A brass lock at each story holds the car securely in place.

PRICE

For complete Dumb-Waiter, including ornamental yoke at top, but not the closet at bottom or the enclosure around the opening on the upper floor for a run not exceeding 10 feet and a car not over 20″ x 16″ ..$60.00

$2.50 extra for each additional foot of height



The Rapid Transit Dumb-Waiter

CAPACITY, 50 LBS.

This is a free-running waiter, adapted for loads not exceeding 50 lbs. and especially suited for RAPID WORK AND LONG RUNS.

The wheels are cast from metal patterns, revolve noiselessly on Arguto oilless bearings, which do not require any lubricant. thereby saving the labor and avoiding the stains incidental to the use of oil. They are mounted in iron stands, which are securely guarded to prevent the rope from jumping off and can be easily and quickly placed in position.

THE CAR is of first quality well-seasoned hard ash, of neat design, with retreating top, the bottom and back gained into the sides. It is brass rivetted to insure durability, has brass guide shoes, removable shelf and is filled and varnished. It is held at any floor by a lock, which is not automatic in its action, but which is self-holding after it is applied. The car may be open front and right side, front and left side or front and back.

THIS DUMB-WAITER DOES NOT REQUIRE A WEIGHT BOX, thus avoiding the necessity and expense of double lining the shaft from top to bottom, allowing the weight to be placed inside the well, where it runs smoothly between guides, takes up no extra room in well, and is always accessible for adjustment.

PRICES

One Set of Fixtures $11.00

A set consists of three iron wheels with Arguto oilless bearings, mounted in guarded stands and locks for two floors.

Fixtures and Counterweights 14.00

Fixtures, Couuterweights and Ropes for one story 17.00

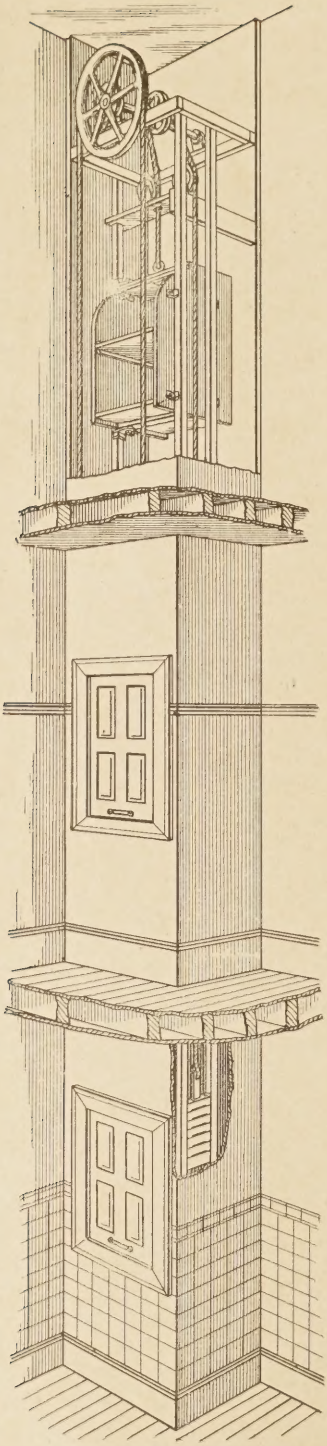
Fixtures, Ash Car (any size up to 24″x20″) Counterweights, Ropes, Car Runs, Weight Runs, for one story travel 28.00

For each additional story 3.00

A car 20″ wide by 16″ deep will be supplied when no size is given.

For double fixtures having two wheels and two hand ropes so they can be operated from front and back, add $4.00 for the extra wheels and $2.00 for the hand rope for each story.

NOTE—While this dumb-waiter is designed to operate with an open weight, yet if for any reason it cannot be used that way, we will supply it arranged for a closed weight box at the same prices.



The Energy Dumb-Waiter

AUTOMATIC CAPACITY 100 LBS.

The "ENERGY" is the ideal Dumb-Waiter for dining-room service in a residence. It is equipped with our patent AUTOMATIC LOCK, which securely sustains the car at any point, either empty or loaded, and positively insures against the car unexpectedly running down and causing a mishap. The shaft is of polished, turned steel and all parts are accurately bored and carefully fitted, resulting in a perfect machine, which easily and noiselessly performs its work so that it is essentially the dumb-waiter for home; the kind a buyer wants for his own use.

The Car is of first quality well seasoned hard ash, of neat design, with retreating top, the bottom, top and back gained into sides. It is brass rivetted, to insure durability, has brass guide shoes, removable shelf and is filled and varnished.

THIS DUMB-WAITER DOES NOT REQUIRE A WEIGHT BOX, thus avoiding the necessity and expense of double lining the shaft from top to bottom, allowing the weight to be placed inside the well, where it runs smoothly between guides, takes up no extra room in the well and is always accessible for adjustment.

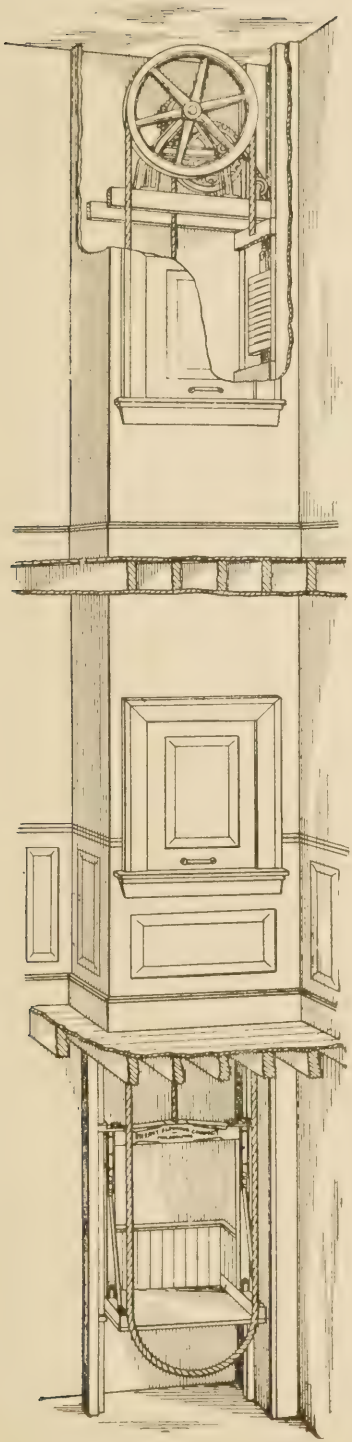
PRICES

Machine, with 16″, 20″, 24″ or 30″ wheel	$17.00
Machine and Counterweights	20.00
Machine, Counterweights and Ropes for one story travel	23.00
Machine, Ash Car (any size up to 30″x24″), Sectional Counterweight, Rope Eyelets, Hand Rope, Hoist Rope, Car Runs, Weight Runs, for one story travel	34.00
For each additional story	3.00

A car 24″ wide by 20″ deep will be supplied when no size is given.

For double fixtures having two rope wheels and two hand ropes so they can be operated from front and back, add $4.00 for the extra wheel and $2.00 for the hand rope for each story.

NOTE—While this dumb-waiter is designed to operate with an open weight, yet if for any reason it cannot be used that way, we will supply it arranged for a closed weight box at the same prices.



The Little Giant Dumb-Waiter or Trunk Lift

AUTOMATIC CAPACITY 300 LBS.

This Lift is constructed on the same principle as the Energy Dumb-Waiter, with the same type of **automatic brake,** but is double geared and of heavier construction, making it suitable for handling supplies in Apartment Houses, Laundries, Hotels, Factories and Flats. Its particular field, or the work for which it is **just the thing,** is to convey trunks to the store room in the attic, the car being of a size to receive the largest trunk. The machine is mounted in an iron frame, with wheels and brake permanently fixed, so that it requires very little mechanical skill to place it in position.

The Car is suspended by a fine wire cable of Swedish iron, having an ultimate strength of 5,000 pounds. It is made of hard wood, any size up to 2′ 6″ wide by 3′ 6″ deep (outside measurements) and will be made cabinet shape, as shown in the cut of Energy Dumb-Waiter, if this be preferred to the platform.

PRICES

Machine only	$30.00
Machine, Counterweights, Cable with Connections and Hand Rope to travel one story	42.00
Machine, Hard Wood Car, Counterweights, Cable with Connections, Rope Eyelets, Hand Rope, Guide Runs, to travel one story	60.00

There will be an extra charge of **$5.00** for each additional story.

For double fixtures having two rope wheels and two hand ropes so they can be operated front and back, add $5.00 for the extra wheel and $3.00 for the hand rope for each story.

HAND ELEVATORS

These elevators are of the safe, substantial type built for work, reliable and strong, light running and free in movement.

The following is a general description which shall be supplemented by detailed specifications covering any elevator under consideration.

The MACHINES have large rope wheels, keyed to steel shafts which revolve on steel anti-friction ROLLER BEARINGS. The spur wheels are cast from cut patterns, of extra strength to insure durability and the cable wheels are double heavy and spoke ribbed for the same purpose. The main shafts are of turned steel of large diameter so as to resist the torsional strain to which they are subjected. These shafts rest on self-oiling bearings.

The brake is of the self-holding type, consisting of a steel band compressing on a smooth, flat surface around the outside of the large rope-wheel. It is released or applied by one line from any floor or off the car and will securely sustain a full load at any point. The machines rest on Yellow Pine Framework, the safest and surest support; no possibility of hidden flaws so common to cast iron.

THE SIDE POST CAR is made of the best hard ash with all requisite iron braces and angles to secure strength and rigidity; it is equipped with a SAFETY ATTACHMENT that is sure in action and will lock the car to the guides the instant the cable breaks, before it gains any headway in descent. The car is neat in design and finished to bring out the natural beauty of the wood. These elevators are balanced by weights made in sections so the desired adjustment may be secured, or altered if need be at any time. It is customary to have sufficient weight to cause the car to rise when empty and we include this amount in our prices.

THE CABLES are made of Swedish Iron and will sustain a load FIVE TIMES the rated capacity of the elevator. It will be seen that with an elevator having a cable of this strength and having the protection of a positive Safety Catch on the car, the risk of accident is reduced to a minimum.

The illustration of the Side Post Elevator shows the operating rope in the front, but it may be placed on ANY SIDE of the shaftway, best suited to the location.

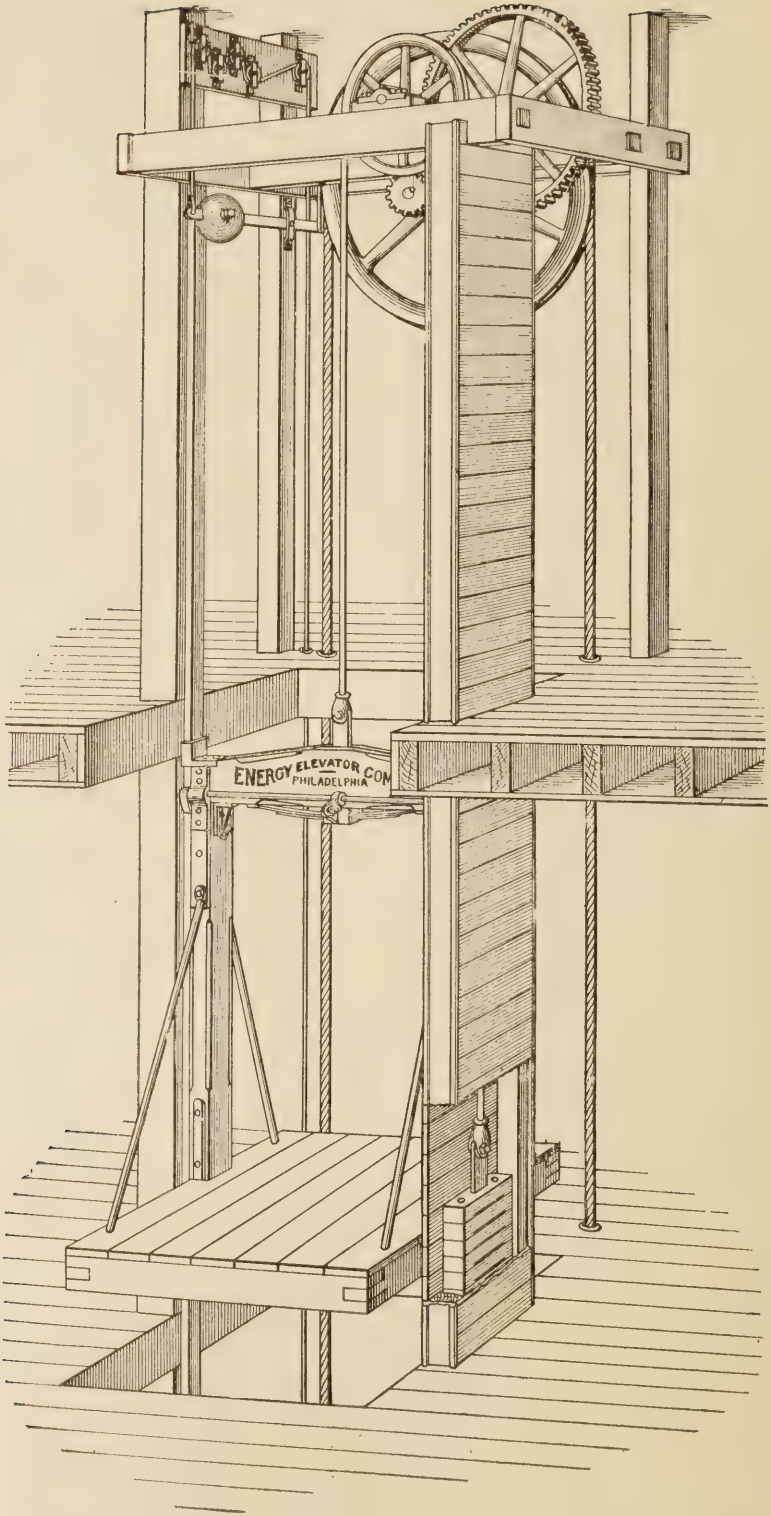
HAND ELEVATORS

THE BACK GUIDE ELEVATOR is the same in general construction as the Side Post, with steel shafts, Anti-Friction Roller Bearings, self-holding brake, etc., but it is guided on wrought iron track against the wall and is suitable for locations where posts can not be used on the sides. The car having no Safety Attachment, we compensate for the omission by using TWO HOISTING CABLES instead of one, making a combined breaking strain TEN TIMES greater than the rated capacity of the elevator. This car has the advantage of being accessible from three sides.

THE CARRIAGE ELEVATOR follows the same general construction as the Side Post Elevator, with steel shafts, Anti-Friction Roller Bearings, Self-holding brake, etc. The car, which may be any size, is constructed of good lumber throughout and suspended by four cables, one at each corner. These cables wind on iron drums that are extra strong and heavy and which have MACHINE CUT GROOVES to insure a smooth track for the cable and to prolong their length of service.

AUTOMATIC HATCH DOORS

These doors (see illustration page 14) are a valuable addition to any elevator, greatly lessening the risk of accident or spreading of fire from one floor to another, and preventing draft through the hatchway, as the doors are always closed when platform is not at landing. They are strong and durable, easily adjusted, and can be used in connection with any size or style of car. They are not included in our shipment unless specially ordered.


ENERGY ELEVATOR CO
PHILADELPHIA

Prices of Side-Post Hand Elevators

Machine. . . . Machine with all wheels, steel shafts, keys, anti-friction roller bearings, self-oiling boxes and powerful self-holding band brake.

Car with Safety Catch . . . Car of Hard Ash, equipped with our Improved Spring Grip Safety Device, to sustain the car in case hoisting cable should break.

Cable. . . . . . Cable of best Swedish iron, fitted with necessary attachments to connect it to the car and counterweight. This cable has a breaking strain five times greater than the rated capacity of the elevator.

Hand Rope . . Hand Rope of best quality manila and amply large and strong for its work.

Check Line . . Checkline of proper diameter and length to operate brake.

Counterweight Counterweight adjustable and sufficient to lift empty car.

Guide Runs. . Guide Runs of best quality hard maple, to fit the guides on the car, drilled and countersunk for screws.

Floor Eyelets. Floor Eyelets for the Hand Rope and Check Line.

Drawings . . . Drawings to direct the mechanic in setting the elevator in place.

The foregoing is a complete elevator except the wood and bolts for setting it up, and will be furnished, to travel one story, at the following prices.

									Shipping Weight
500 lbs.	capacity,	with car not over	3′ 0″	wide by	3′ 6″	deep		$80.00	900 lbs.
1000	"	"	"	3′ 6″	"	4′ 0″	"	100.00	1050 "
1500	"	"	"	4′ 0″	"	4′ 6″	"	120.00	1350 "
2000	"	"	"	4′ 6″	"	5′ 0″	"	140.00	1550 "

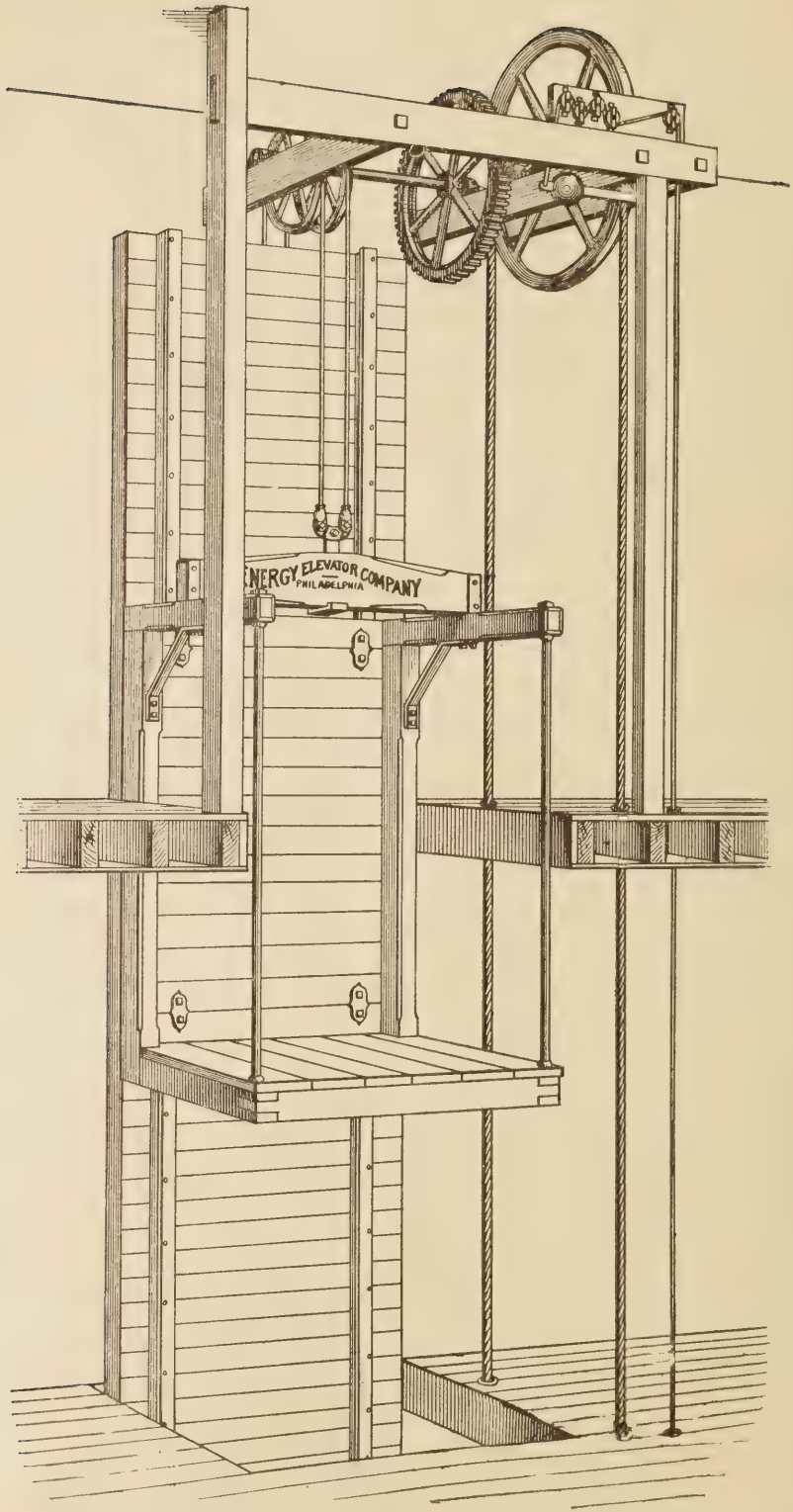
There will be an extra charge of $8.00 for each additional story.

500 lb., 1000 lb. and 1500 lb. cars are not made larger than sizes here given; 2000 lb. car is made larger at an additional charge of $2.00 list per square foot.

The sizes of the car are outside measurements.

Irons to operate Automatic Hatch Doors are $11.00 per floor.

NOTE.—If the Safety Device is left off the car a reduction of $12.00 will be made from the list price.


NERGY ELEVATOR COMPANY
PHILADELPHIA

Prices of Back Guide Hand Elevators

Machine . . . . Machine, with all wheels, steel shafts, keys, anti-friction roller bearings, self-oiling boxes and powerful self-holding band brake.

Car . . . . . Car of Hard Ash frame, with Maple Flooring and beaded Yellow Pine Back.

Cables . . . . . Two Cables of best Swedish iron fitted with the necessary attachments and equalizing connections to attach them to the car and counterweight. These two cables have a breaking strain 10 times greater than the rated capacity of elevator.

Hand Rope . . Hand Rope of best quality manila and amply large and strong for its work.

Check Line . . Check Line of proper diameter and length to operate brake.

Counterweight Counterweight adjustable and sufficient to lift empty car.

Guide Runs . . Guide Runs of wrought iron, 2″ x ¼″, bored and countersunk for screws.

Floor Eyelets . Floor Eyelets for the Hand Rope and Check Line.

Drawings . . . Drawings to direct the mechanic in setting Elevator in place.

The foregoing is a complete elevator except the wood and bolts for setting it up, and will be furnished to travel one story at the following prices.

										Shipping Weight
500 lbs. capacity, with a car not over					3′ 0″	wide by	2′ 6″	deep	$80.00	900 lbs.
1000	"	"	"	"	3′ 6″	"	3′ 0″	"	100.00	1050 "
1500	"	"	"	"	4′ 0″	"	3′ 6″	"	120.00	1350 "
2000	"	"	"	"	5′ 0″	"	4′ 0″	"	140.00	1550 "

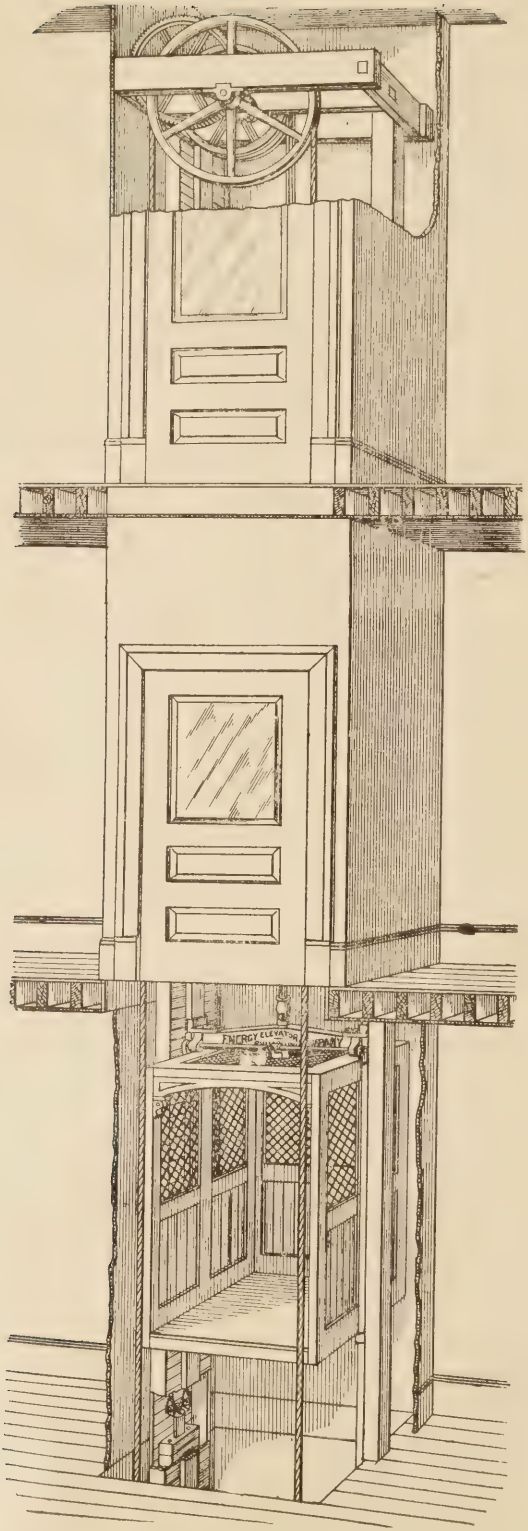
There will be an extra charge of $8.00 for each additional story.

The sizes of the cars are outside measurements.

500 lb., 1000 lb. and 1500 lb. cars are not made larger than the sizes given: 2000 lb. car is made larger at an additional charge of $2.00 list per square foot.

Irons to operate Automatic Hatch Doors are $11.00 per floor.

NOTE.—If one Cable is left off the car a reduction of $12.00 will be made from list price.



Hand Power Passenger Elevator

The design and construction of this Lift are such that it represents the very best that is attainable in a Hand Power Passenger Elevator. It follows the same general principles that are in our regular hand elevators (see pages 9 and 11), which have been tried for years and proved so satisfactory, but it is of finer make and finish, greater care being given to the details, to eliminate all noise and secure strictly high-grade results. The Gears are MACHINE CUT from blanks, ALL SHAFTS revolve on ANTI-FRICTION ROLLER BEARINGS and the brake is cushioned to render it NOISELESS.

The car is of artistic design, the sides and back have hard wood panel-work four feet high and the upper parts are enclosed with bronzed grille work. It is also covered overhead.

It is suspended by TWO CABLES and in addition has the SAFETY DEVICE to lock it to the guide posts in the remote event of both cables breaking.

The counterweight is adjusted to balance one passenger, so that a very little exertion moves it in either direction.

PRICE

Will furnish this elevator for one story travel, with a car about 3 feet wide by 4 feet deep (which will receive a rolling chair) for the sum of **$200.00**

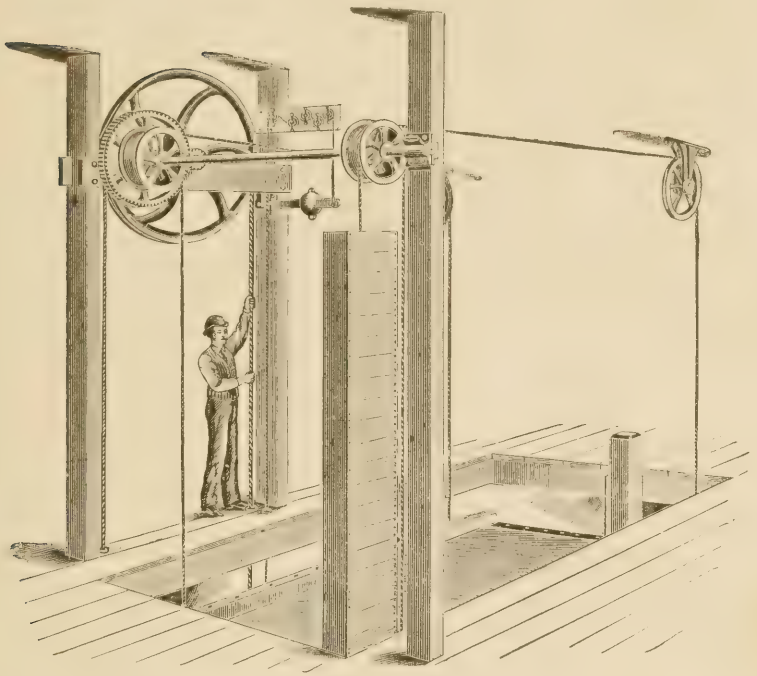
This price covering all parts shceduled under Side Post Elevator, on page 9.

There will be an extra charge of $8.00 for each additional story.

NOTE.—Foregoing is for an elevator of very fine work, surrounded with extreme safety precautions and for permanent service: but if desirable to have an elevator for temporary or only occasional service and it is so situated that a second quality of finish would be acceptable and some of the safety precautions omitted, the cost can be considerably reduced, still retaining an efficient lift.

Carriage or Warehouse Elevator

Described on page 7



Machine . . . Machine with all wheels, steel shafts, MACHINE GROOVED DRUMS, keys, anti-friction roller bearings, self-oiling boxes and powerful self-holding brake.

Car . . . . . . Car of Yellow Pine Sills with heavy plank floor, re-inforced on underside.

Cables . . . . Four Hoist Cables of Best Swedish Iron, having an ultimate strength 10 times greater than the rated capacity of the elevators; also one counter weight cable.

Hand Rope . . Hand Rope of best quality manila and amply large and strong for its work.

Check Line. . Check Line of proper diameter and length to operate the brake.

Counterweight Counterweight adjustable and sufficient to lift the empty car.

Guide Runs . . Guide Runs of wrought iron, bored and countersunk for screws.

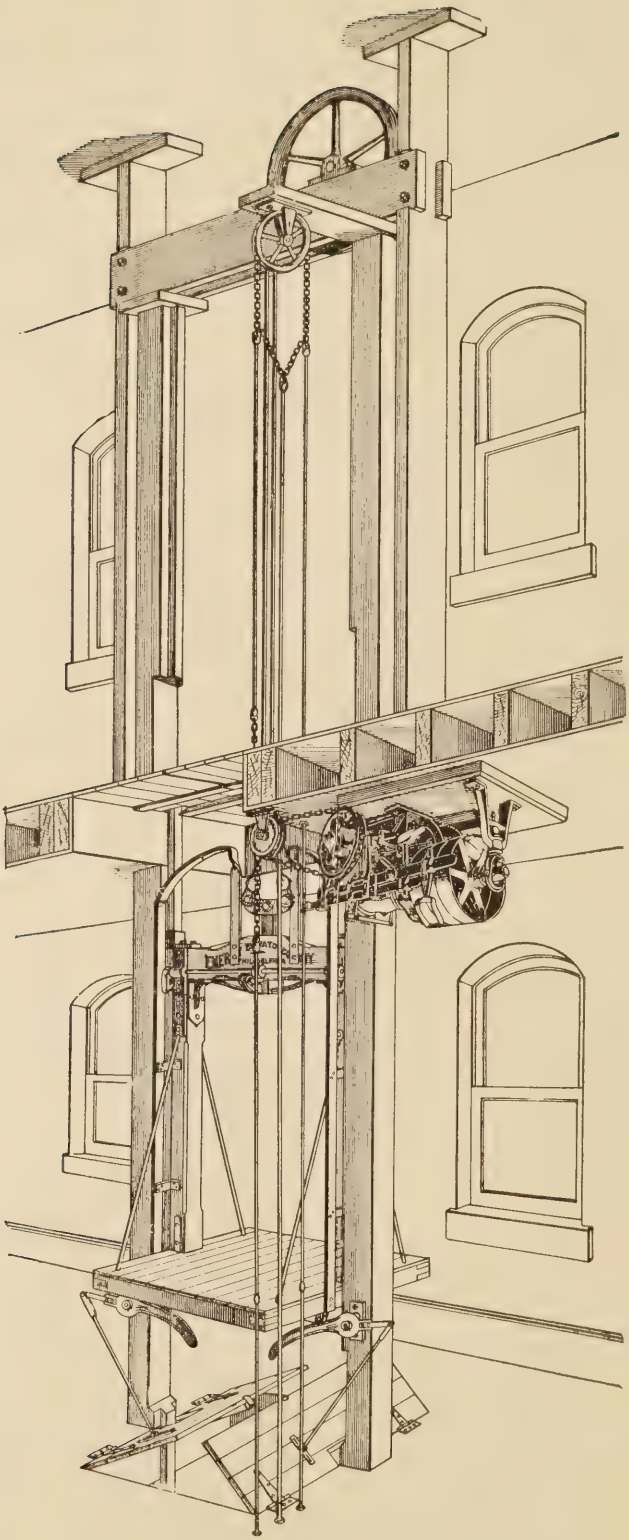
Floor Eyelets. Floor Eyelets for the Hand Rope and Check Line.

Drawings . . . Drawings to direct the mechanic in setting the elevator in place.

The foregoing is a complete elevator except the wood and bolts for setting it up, and it will be furnished to travel one story at the following prices.

		Shipping Weight
1000 lbs. capacity, with a car not over 6′ 0″ by 12′ 0″	**$125.00**	1700 lbs.
2000 " " " " " 8′ 0″ by 16′ 0″	**140.00**	2600 "

Extra for additional story, $20.00



Description of Belt Power Elevators

The Belt Power Elevator illustrated on pages fourteen and sixteen is of latest design and embodies all of the latest ideas and Safety Devices of a first-class elevator in the most improved form.

It is driven by two belts, one for hoisting and one for lowering; these belts are shifted and the brake applied by a single action of the operating cable from any floor, the car stops automatically at the terminals and the machine stops automatically if the car is blocked in its descent.

THE WORM AND WORM WHEEL are enclosed in an oil tight case which protects them from dust and grit, and insures a perfect lubrication of the vitals of the machine. They are cut from blanks and of a pattern to give a maximum wearing surface, while consuming a minimum of power. It has been the practice to run the loose pulleys directly on the driving shaft and with these pulleys revolving at a high rate of speed, it has been found impossible to lubricate them to prevent the shaft from wearing and requiring frequent renewals, a very expensive operation, but on this elevator the pulleys revolve on a patent removable self-oiling sleeve, so there is no wear whatever on the shaft which will be as good after years of service as when new.

AUTOMATIC BAND BRAKE is amply powerful to sustain a full load and is noisless and instantaneous in action, easy on the machine, operating without jar or vibration, and arranged to take up the wear automatically.

THE AUTOMATIC STOP placed on the drum shaft stops the car at the top and bottom floors and can be easily adjusted. It is always reliable and acts automatically or independently of the operator on operating cable.

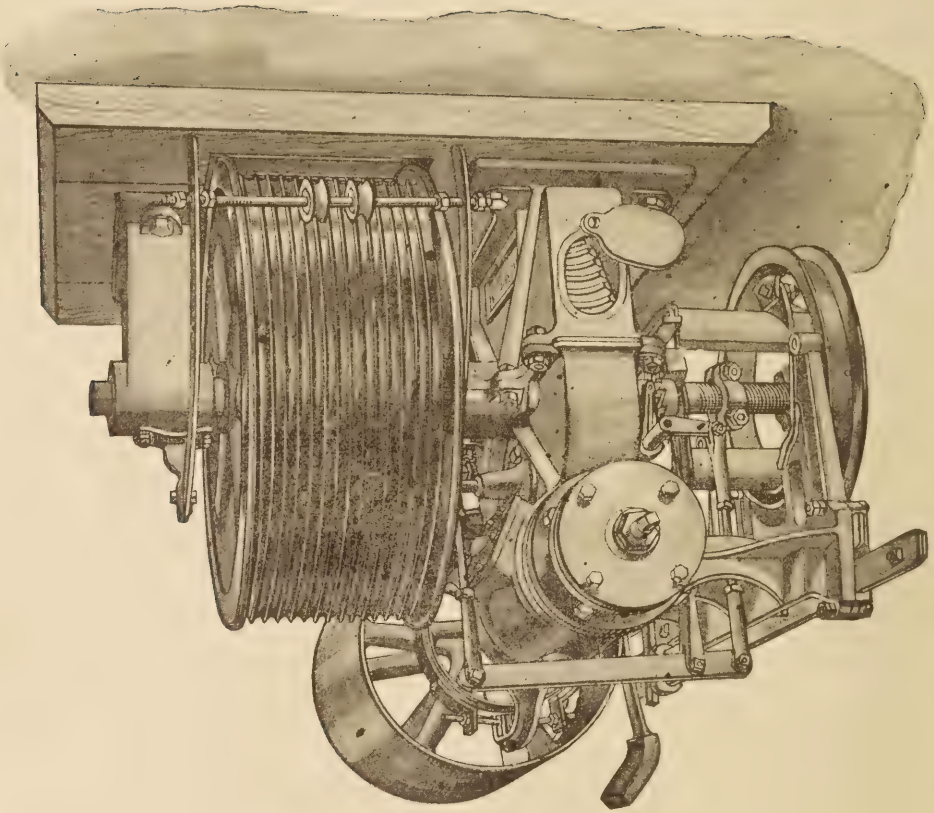
THE SLACK CABLE STOP shuts off the machine and prevents the cable from slacking or getting out of place on the drum, should the car be obstructed in its descent and forms a safety feature of great value.

THE BELT SHIFTER is free from the complications of links or gears and is arranged that while either of the belts is being shifted to the tight pulley the other remains undisturbed.

THE CAR is suspended by two hoist cables which wind on a drum accurately turned and spirally grooved in lathe, preventing the cable from wearing and greatly increasing durability of same.

The entire elevator is of the very best workmanship and material, free from cheap devices and guaranteed to be a strictly first class machine down to the last detail.

PRICES and further information will be given on application.

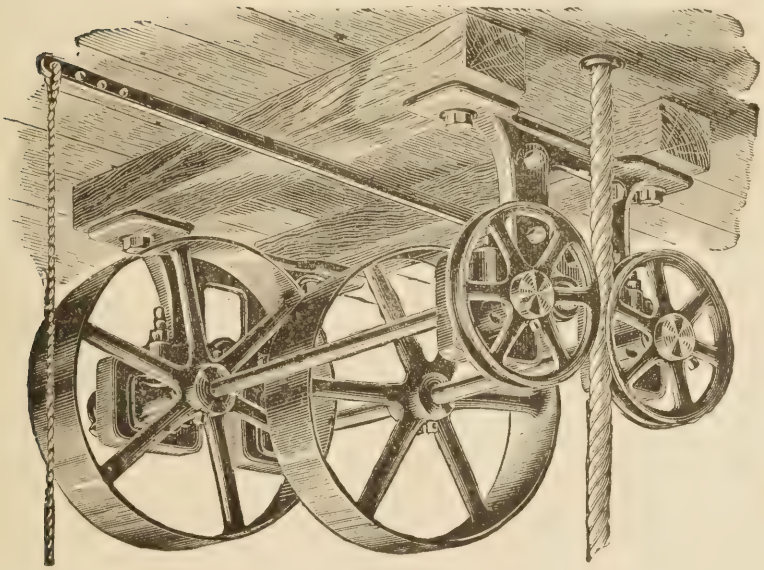


Hoisting Gear for Power Elevator

Belt Power Attachment

FOR

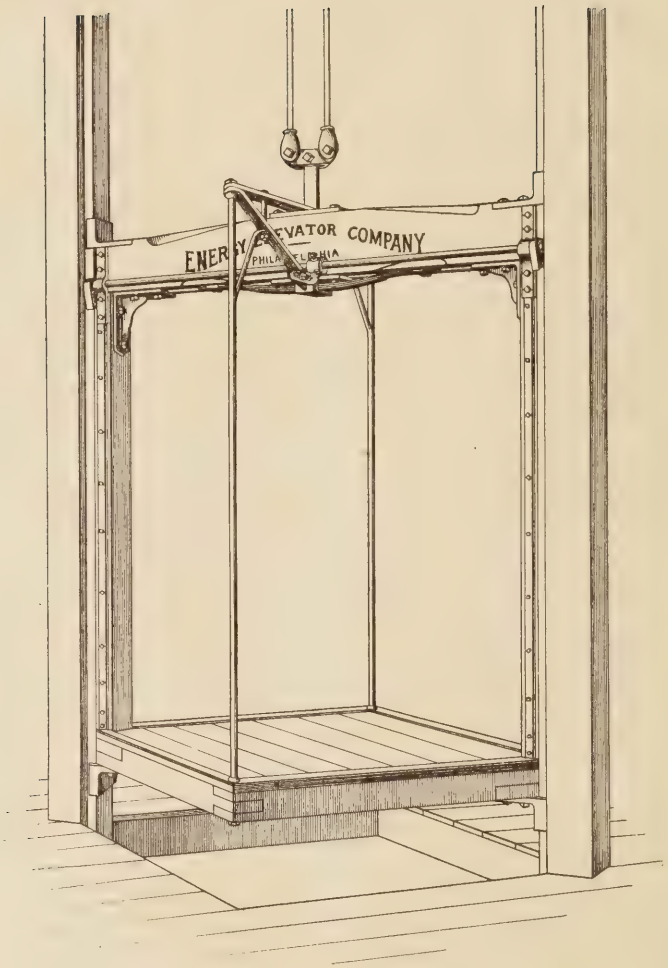
Hand Power Elevators



This power attachment can be applied to any hand hoist and yet leave the hoist ready for use by hand when power is not available. It may be fastened to either floor or ceiling; can be used in connection with steam, gas, electric or water motor. It is simple, durable and compact, and can be operated from all floors.

PRICE

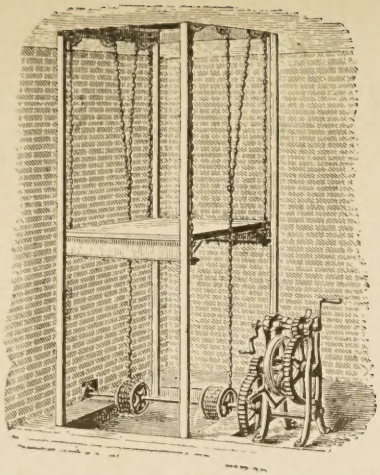
FOR ATTACHMENT ONLY . . . $28.00



Corner Post Car

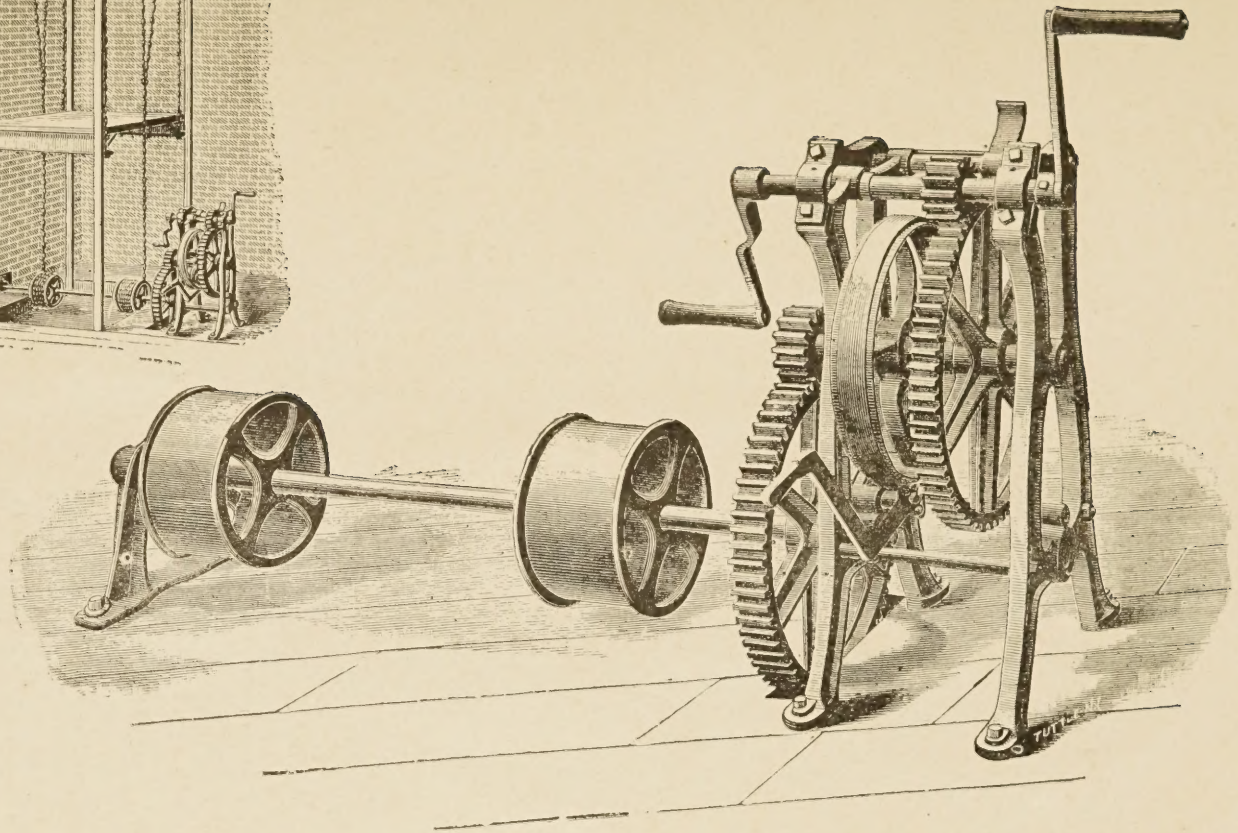
This is our Corner Post Car, showing the improved iron truss to secure greater rigidity and strength.

This type of a car is sometimes better adapted to meet the conditions than either the Side-Post or Back-Guide, especially where access is desired from sides at right angles. It will operate with any of our elevators and is supplied at an additional list price of Forty Dollars.



Basement Elevator

Prices on application



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REFERENCES

Morley Bros., Saginaw, Mich.
Mobile Hardware Co., Mobile, La.
Mulligan Hardware Co., East Liverpool, Ohio.
Geo. L. Mesker & Co., Evansville, Ind.
McClellan & Gotwall, York, Pa.
J. S. McCormick, Pittsburg, Pa.
Miles Hardware Co., Grand Rapids, Mich.
McIntosh Hardware Co., Cleveland, Ohio.
Nye Hardware Co., Marietta, Ohio.
New Britain Mach. Co., New Britain, Conn.
Point Pleasant Hdw. Co., Point Pleasant, N. J.
Pe.hic & Curtis, Wilkesbarre, Pa.
Pierce Hardware Co., Arapaho, Okla.
Pennsylvania Supply Co., Wilkesbarre, Pa.
L. M. Rumsey Mfg. Co., St. Louis, Mo.
Reilly Bros. & Raub, Lancaster, Pa.
Rumsey & Sikemeier, St. Louis, Mo.
J. J. Reilly, Pittston, Pa.
Austrian & Co., Chicago, Ill.
Art Metal Construction Co., Jamestown, N. Y.
Naval Academy, Annapolis, Md.
A. R. Bomberger & Co., Lititz, Pa.
F. T. Brierly, Beaver Falls, Pa.
J. P. Bixler & Son, Carlisle, Pa.
J. F. Conaway, Fairmount, W. Va.
Jas. P. Cassell, Harper's Ferry, W. Va.
Dreisbach & Sons, Lewisburg, Pa.
J. H. Diehlman, San Antonio, Tex.
Ray V. Dolly, Port Alleghany, Pa.
Duffy Bros. & Co., Pawtucket, R. I.
C. H. Fryer, Pennsburg, Pa.
O. H. Guttridge, Atlantic City, N. J.
S. Gourly, Atlantic City, N. J.
Gambler & Failer, Lebanon, Pa.
J. Earl Harbaugh, Hagerstown, Md.
John Hughes, Fond du Lac, Wis.
Wilkinson Mfg. Co., Bridgeport, Pa.
W. A. Myatt, Raleigh, N. C.
W. G. Heffley, Johnstown, Pa.
Suffall & Countryman, Somerset, Pa.
John Fisher, Freeland, Pa.
Columbia Cotton Mills, Columbia, Ala.
Palace Hotel, Prescott, Ariz.
Hampton Agricultural School, Hampton, Va.
Crown Knitting Co., Topton, Pa.
J. D. Littlehale, Fitchburg, Mass.
Geo. D. Boggs, Elizabethtown, Pa.
Alfred Harvey Silk Co., Scranton, Pa.
Hogin, McKinney & Co., Marion, Ind.
Sidney Jackson, Sparta, Tenn.
H. Pfeiffer & Son, Fort Wayne, Ind.
Elmer Warner, Weatherly, Pa.
James A. McDowell, Pavilion, N. Y.
Albert Leeds, Steelton, Pa.
C. S. La Motte, Red Lion, Pa.
Lowe & Haller, Youngwood, Pa.
A. B. Neyhart, Williamsport, Pa.
Thos. Evans, Phœnixville, Pa.
J. F. Wall, Phœnixville, Pa.
Wm. M. Anglemoyer, Phœnixville, Pa.
New Jersey Training School, Vineland, N. J.
State College of Penna., State College, Pa.
Bryn Mawr College, Bryn Mawr, Pa.
Villa Nova College, Villa Nova, Pa.
Wm. F. Harrity, Overbrook, Pa.
T. H. Eisenhuth, Selin's Grove, Pa.
H. N. Alexander, Hollandale, Miss.
F. C. Gould, Silver Lane, Conn.
Mifflinburg Buggy Co., Mifflinburg, Pa.
Godfrey L. Cabot, Boston, Mass.
Geo. F. Rogge, Corder, Mo.
Harvey & Kitchell, Ruleville, Miss.
Porter & Godwin, Goldsboro, N. C.
L. A. Williams, Pelican Rapids, Minn.
Harry Huffman, Vermillion, Ill.
Halls Brick and Lumber Co., Halls, Tenn.
C. H. Coffroth, Somerset, Pa.
Geo. R. Muller, Alton, Iowa.
W. B. Townsend, Sharon, Ohio.
A. G. Faist, Chelsea, Mich.
Ben. H. Clardy, Greensburg, Ind.
S. M. Colby, Oakley, Kans.
Jos. Perkins, Montpelier, Vt.
David D. Gilchrist, Summit, N. J.
Hirsch & Hirsch, Tripp, S. D.
L. M. Fonshee, Jonesboro, N. C.
W. H. Alexander, Jr., Blakely, Ga.
R. K. Carter & Co., 66 Read St., New York.
Chester Hardware Co., Chester, W. Va.
Coulson, Brundage & Co., La Harpe, Ill.
Dale & Reed, Franklin, Pa.
Drew Machine Co., Manchester, N. H.
Duenweg Hardware Co., Terre Haute, Ind.
Wm. Frankfurth Hdw. Co., Milwaukee, Wis.
L. W. Gimby, Salisbury, Md.
Gilbert Clock Co., Winsted, Conn.
Hardware Supply Co., Urbana, Ohio.
Hale & Reed, Madison, Me.
Heisig & Morrell, Beaumont, Tex.
John A. Johnston, Pittston, Pa.
Kline & Co., Williamsport, Pa.
Lorick & Lawrence, Columbia, S. C.
Central Stamping Co., Newark, N. J.
Ramsay Hardware Co., Ellensburg, Wash.
Roesch Mfg. Co., Aurora, Ill.
Shuford Hardware Co., Hickory, N. C.
Salem Hardware Co., Salem, Ohio.
Swank Hardware Co., Johnstown, Pa.
Springfield Hardware Co., Springfield, Ohio.
Smith, Hutton & Kirk, New Castle, Pa.
Stichter Hardware Co., Reading, Pa.
Southern Foundry Co., Owensboro, Ky.
Thompson Hardware Co., Lowell, Mass.
R. Howard Thorn, Ocean City, N. J.
Vivrouix Hardware Co., Segruin, Tex.
Wagner Hardware Co., Mansfield, Ohio.
Wilson Hardware Co., Beaumont, Tex.
Wilson & James, Darlington, S. C.
Waters & Brown, Salem, Mass.
Wead Hardware Co., Swanton, Vt.
C. C. & A. C. Hamilton, Mannington, W. Va.
John Findlater, San Angelo, Tex.
F. M. Brooks & Son, Baton Rouge, La.
Indianola Contracting Co., Muskogee, I. T.
W. Geisenheimer, Camden, S. C.
J. R. Jones, Covington, Va.
Jesse Banta, Endicott, Wash.
C. E. Morton, Madisonville, Ky.
Klein Bros., Hancock, N. Y.
B. S. Terry, Bentonville, Ark.
Asheville Hardware Co., Asheville, N. C.
Blymer Hardware Co., Bedford, Pa.
Beddall & Wardrop, Mt. Carmel, Pa.
M. H. Biehn, Quakertown, Pa.
Barr Hardware Co., Greenville, S. C.
Baker Machine Co., Pittsburgh, Pa.
Bailey-Donk Hardware Co., Sheffield, Ala.
Blank & Gotshall, Sunbury, Pa.
Hagstoz Co., Riverside, N. J.
Carnwath, Bell & Co., Philadelphia.
C. Schoneman & Co., Philadelphia.
Mittendorf Bros., Philadelphia.
Schwartz & Co., Philadelphia.
C. P. Cochrane, Philadelphia.
Snellenburg Warehouse, Philadelphia.
Bell, Walt & Co., Philadelphia.
Pennsylvania Laundry, Philadelphia.
F. C. Roolman & Co., Philadelphia.
Justus Braner & Son, Philadelphia.
Williamson & Cassidy, Philadelphia.
H. D. Narrigan & Co., Philadelphia.
E. H. Sturtz, Philadelphia.
F. A. North & Co., Philadelphia.
Lu Lu Temple, Philadelphia.
House of Good Shepherd, Philadelphia.
Samaritan Hospital, Philadelphia.
Little Sisters of the Poor, Philadelphia.
German Hospital, Philadelphia.